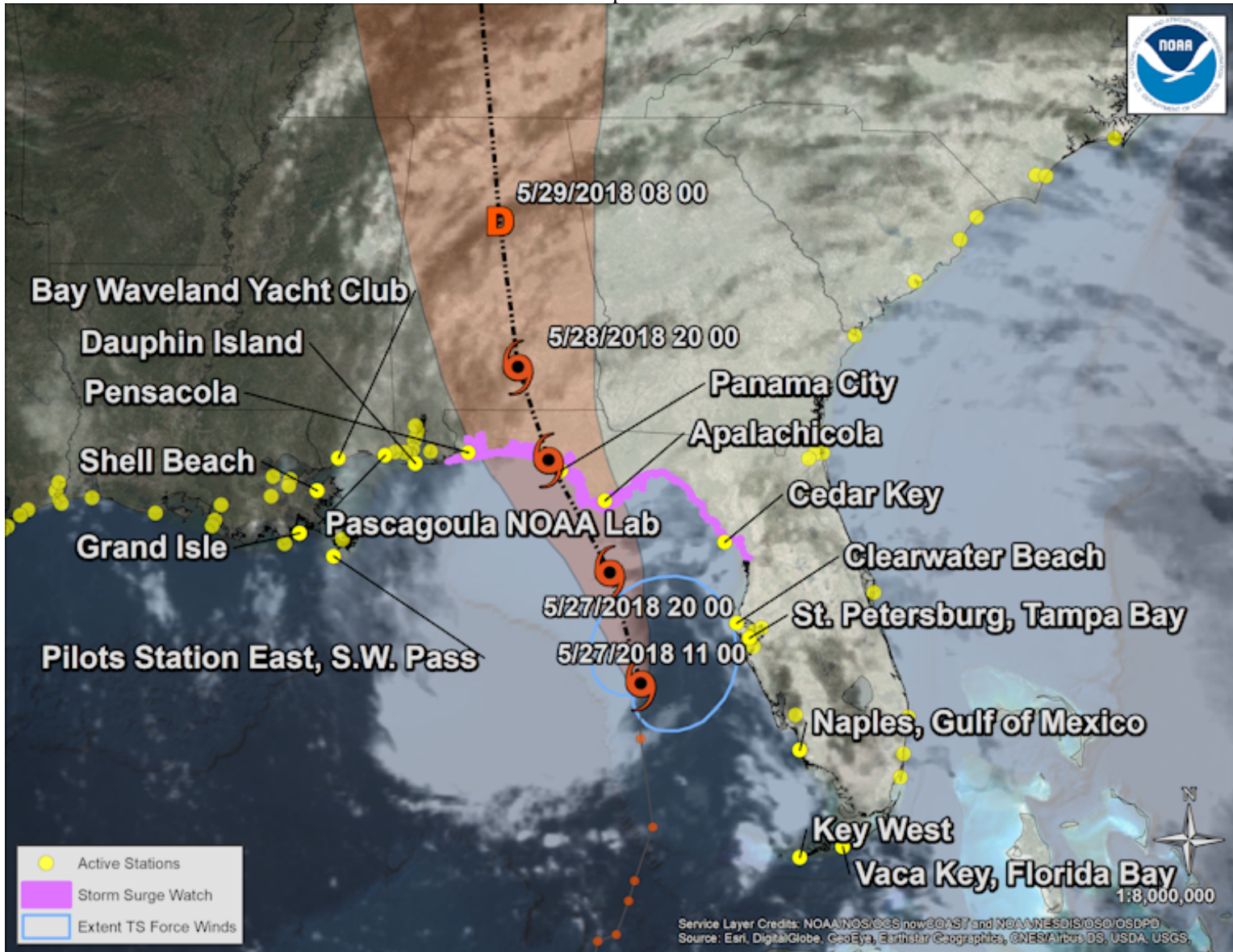




Subtropical Storm Alberto QuickLook Posted: 12:00 EDT 05/27/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/27/2018 12:00 EDT, water levels along the Gulf Coast of Florida to Louisiana are elevated up to 1.8 feet above tide predictions. The highest water levels are presently being observed along the Florida Panhandle to Shell Beach, LA. Prior to Alberto, water levels were elevated in the Gulf of Mexico by up to 0.2 feet above normal tide predictions.

Winds across the region range from 10 to 20 kts, with gusts up to 30 kts. Barometric pressure continues to fall across the Eastern Gulf of Mexico.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: LAH

Select National Hurricane Center Advisory Information:

Subtropical Storm Alberto Advisory Number 9
NWS National Hurricane Center Miami FL
1100 AM EDT Sun May 27 2018

...ALBERTO MOVING NORTHWARD TOWARD THE NORTHERN GULF COAST...

SUMMARY OF 1100 AM EDT...1500 UTC...INFORMATION

LOCATION...27.1N 84.4W
ABOUT 130 MI... WSW OF TAMPA FLORIDA
ABOUT 185 MI...SSE OF APALACHICOLA FLORIDA
MAXIMUM SUSTAINED WINDS...50 MPH...
PRESENT MOVEMENT...N OR 5 DEGREES AT 14 MPH...
MINIMUM CENTRAL PRESSURE...994 MB...29.36 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning for the Dry Tortugas has been discontinued.

The Tropical Storm Watch along the north-central Gulf Coast has been discontinued.

The Storm Surge Watch has been discontinued west of the Florida/Alabama border.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

* Crystal River to the Florida/Alabama border

A Tropical Storm Warning is in effect for...

* Bonita Beach to the Mississippi/Alabama border

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 1100 AM EDT (1500 UTC), the center of Subtropical Storm Alberto was located near latitude 27.1 North, longitude 84.4 West. The storm is moving toward the north near 14 mph (22 km/h). A turn toward the north-northwest at a slower forward speed is forecast tonight. A north-northwestward to northward motion is expected late Monday through Wednesday. On the forecast track, the center of Alberto will cross the eastern and northern Gulf of Mexico today and approach the northern Gulf Coast in the warning area tonight or Monday. Heavy rainfall and tropical storm conditions will likely reach the northern Gulf Coast well before the arrival of the center of Alberto. Alberto is expected to move northward into the Tennessee Valley on Tuesday and Wednesday.

Maximum sustained winds have increased to near 50 mph with higher gusts. Some additional strengthening is forecast before the system reaches the northern Gulf Coast. Steady weakening is expected after landfall, and Alberto is forecast to become a tropical depression by Monday night or Tuesday.

Winds of 40 mph extend outward up to 125 miles (205 km) primarily to the east of the center.

The latest minimum central pressure reported by an Air Force Reserve reconnaissance aircraft is 994 mb (29.36 inches).

HAZARDS AFFECTING LAND

RAINFALL: Alberto is expected to produce the following rain accumulations through Tuesday:

Central Cuba...Additional 5 to 10 inches, isolated storm totals of 20 inches.

The Florida panhandle into eastern Alabama and western Georgia...4 to 8 inches, isolated 12 inches.

The Florida Keys and south Florida...Additional 3 to 6 inches, isolated storm totals of 10 inches.

Rest of the Florida peninsula...1 to 4 inches.

Rest of the southeast U.S. from Tennessee to the Carolinas...2 to 6 inches.

Rains in Cuba could produce life-threatening flash floods and mudslides. Flooding and flash flooding are possible in the southeast United States, including Florida.

WIND: Tropical storm conditions will spread northward in the warning area along the west coast of Florida today and will reach the warning area along the northern Gulf Coast by this evening.

STORM SURGE: The combination of storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Crystal River to the Florida/Alabama border...2 to 4 ft

The deepest water will occur along the immediate coast. Surge- related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: A few tornadoes are possible across the Florida peninsula today.

SURF: Swells generated by Alberto will affect the eastern and northern Gulf Coast through Tuesday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 200 PM EDT.

Next complete advisory at 500 PM EDT.

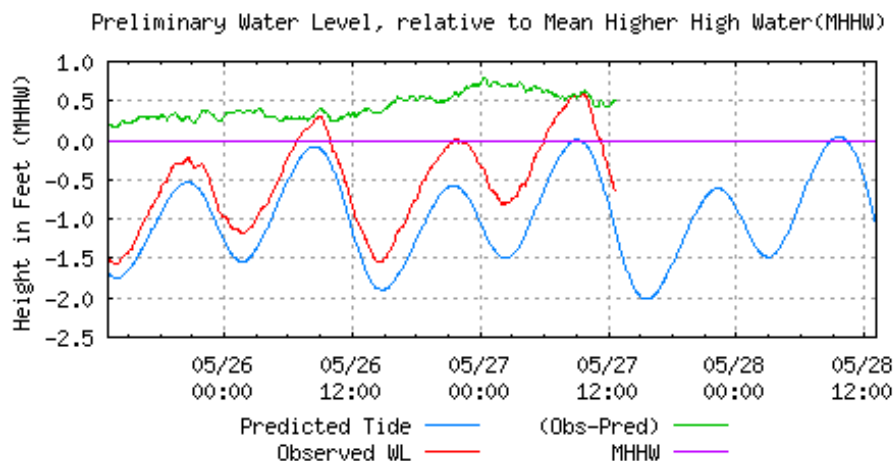
\$\$

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Vaca Key, Florida Bay - Barometric](#), [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Barometric](#), [St. Petersburg, Tampa Bay - Water Level](#), [St. Petersburg, Tampa Bay - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#)

NOAA/NOS/CO-OPS 8724580 Key West, FL



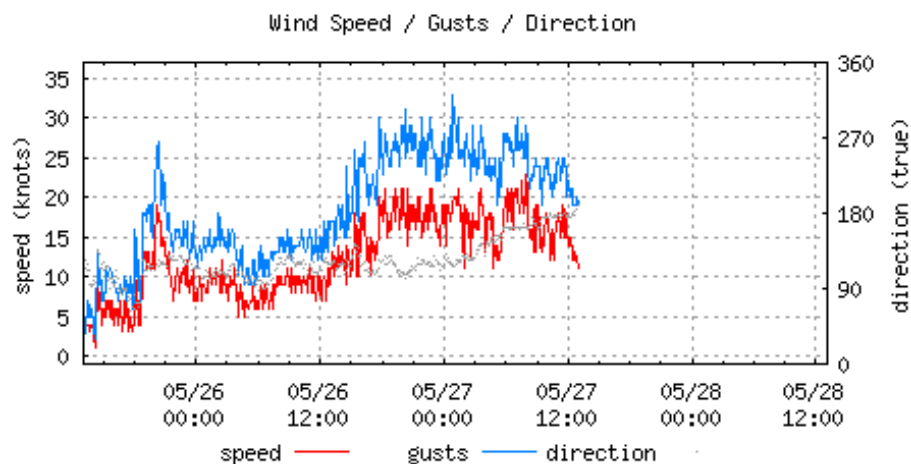
Last Observed Sample: 05/27/2018 13:06 (EDT). Data relative to MHHW

Observed: -0.79 ft. Predicted: -1.33 ft. Residual: 0.54 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 05/27/2018 22:16 (EDT), -0.62 ft.

NOAA/NOS/CO-OPS 8724580 Key West, FL

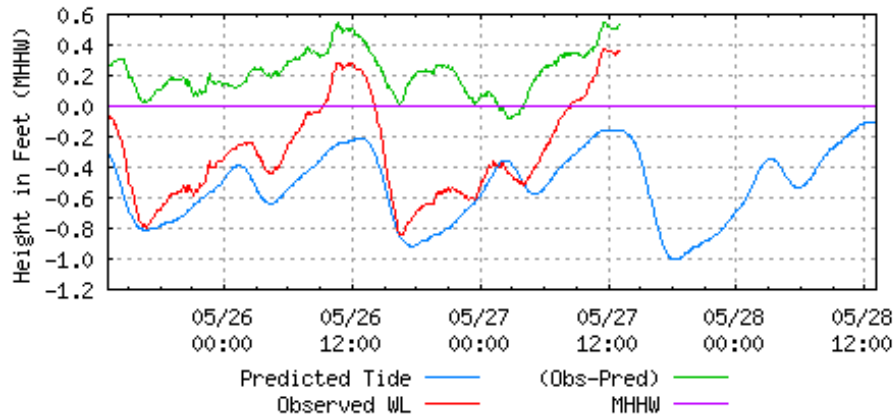


Last Observed Sample: 05/27/2018 13:06 (EDT)

Wind Speed: 11 knots Gusts: 17 knots Direction: 179° T

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 05/27/2018 13:06 (EDT). Data relative to MHHW

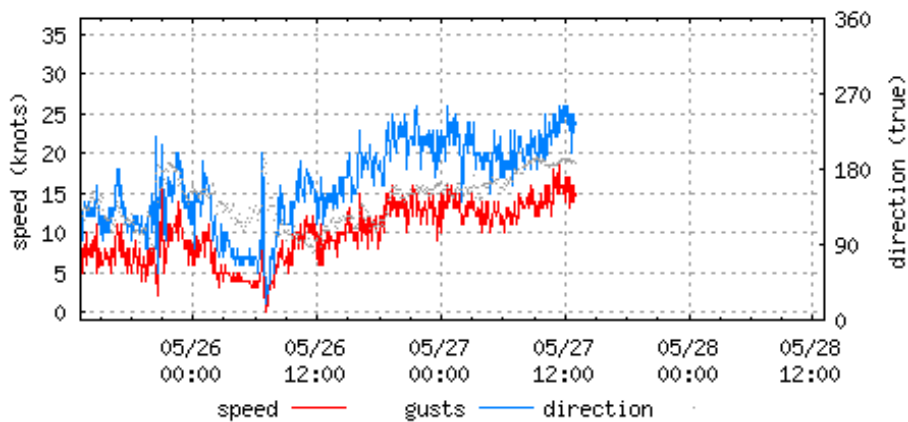
Observed: 0.37 ft. Predicted: -0.16 ft. Residual: 0.53 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 05/28/2018 03:14 (EDT), -0.34 ft.

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

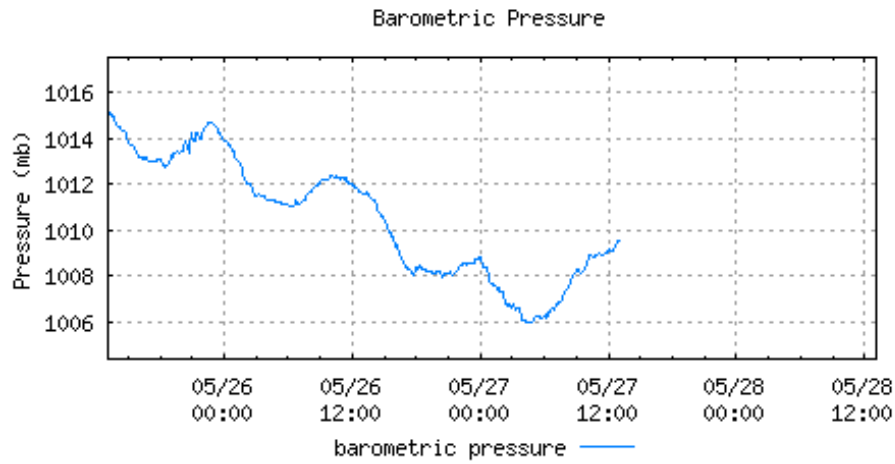
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 13:06 (EDT)

Wind Speed: 17 knots Gusts: 24 knots Direction: 188° T

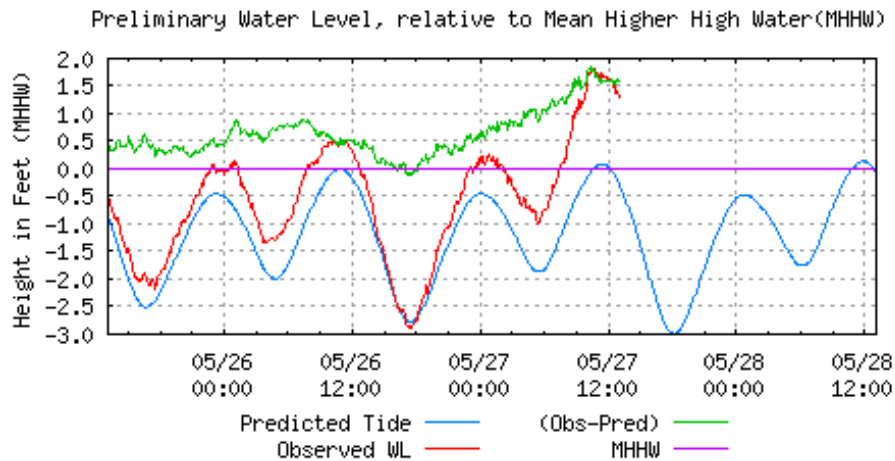
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 05/27/2018 13:06 (EDT)

Barometric Pressure: 1009.5 mb

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



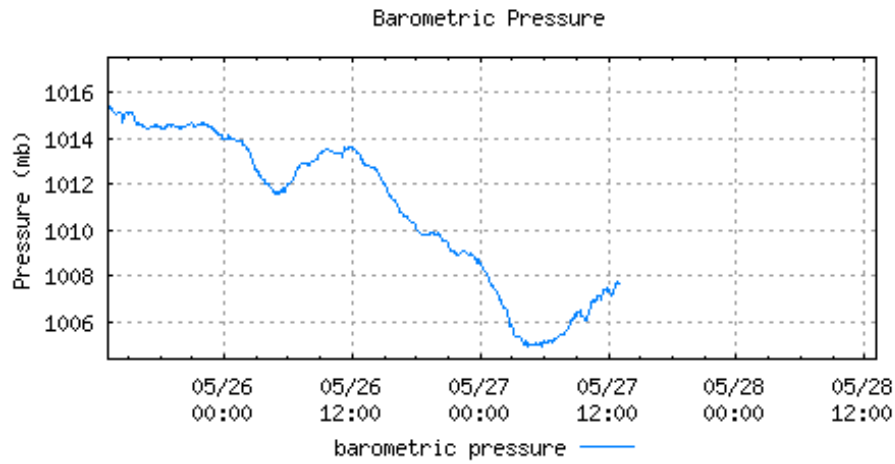
Last Observed Sample: 05/27/2018 13:06 (EDT). Data relative to MHHW

Observed: 1.30 ft. Predicted: -0.32 ft. Residual: 1.62 ft.

Historical Maximum Water Level: Dec 22 1972, 3.11 ft.

Next High Tide: 05/28/2018 00:43 (EDT), -0.48 ft.

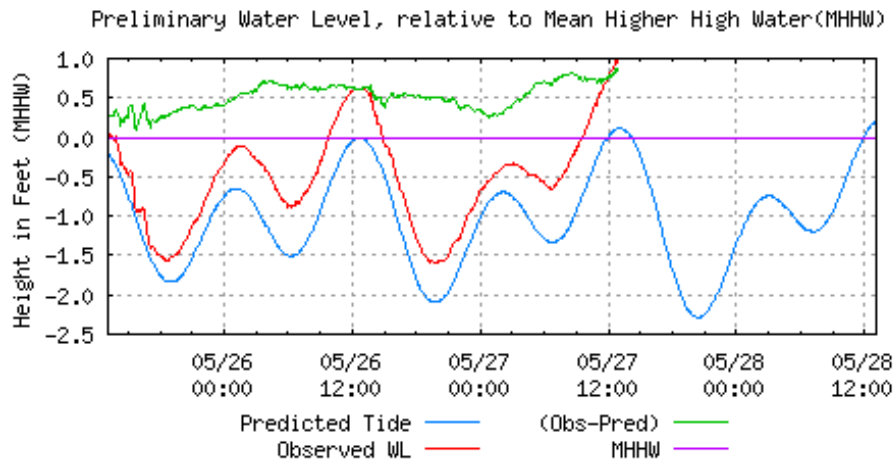
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 05/27/2018 13:06 (EDT)

Barometric Pressure: 1007.7 mb

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



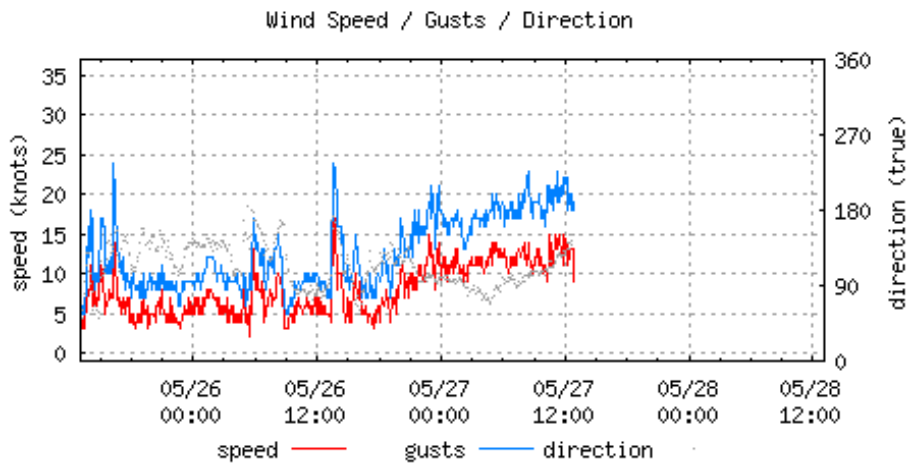
Last Observed Sample: 05/27/2018 13:00 (EDT). Data relative to MHHW

Observed: 1.01 ft. Predicted: 0.11 ft. Residual: 0.90 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.

Next High Tide: 05/27/2018 13:03 (EDT), 0.11 ft.

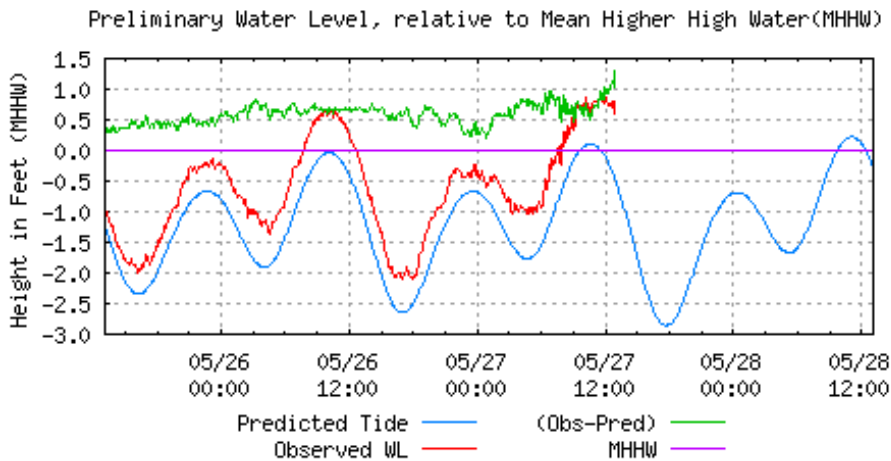
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/27/2018 13:00 (EDT)

Wind Speed: 12 knots Gusts: 17 knots Direction: 161° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



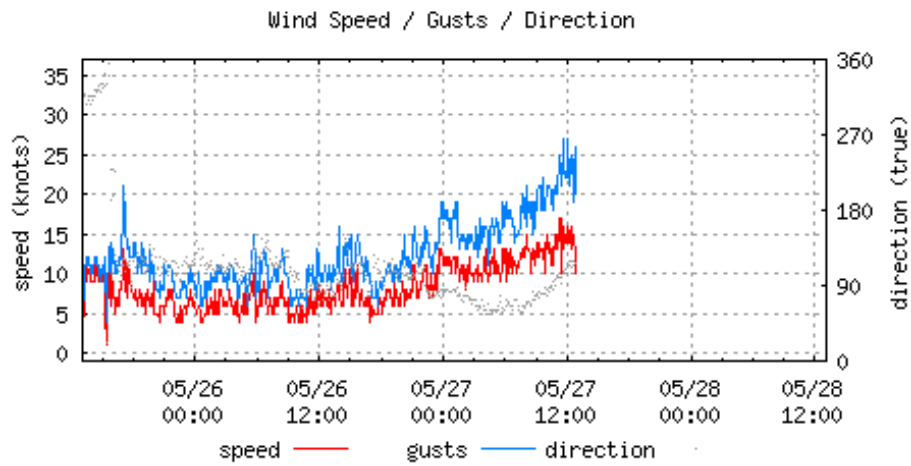
Last Observed Sample: 05/27/2018 13:00 (EDT). Data relative to MHHW

Observed: 0.74 ft. Predicted: -0.53 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/28/2018 00:21 (EDT), -0.69 ft.

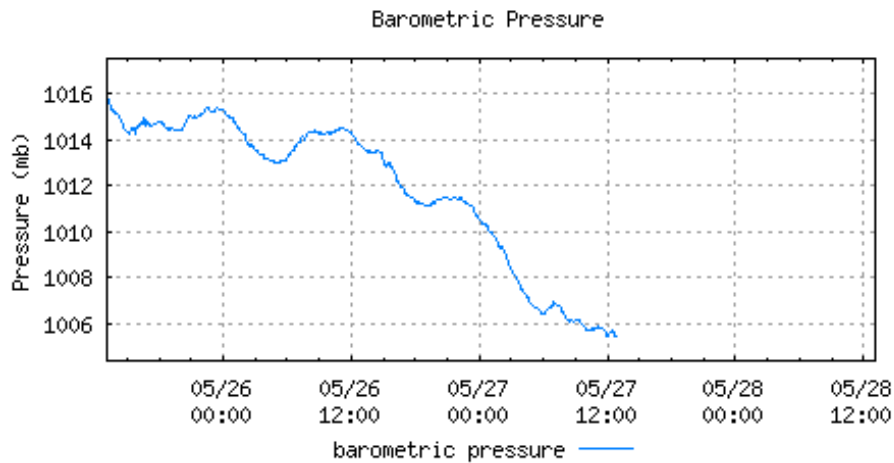
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 13:00 (EDT)

Wind Speed: 14 knots Gusts: 18 knots Direction: 117° T

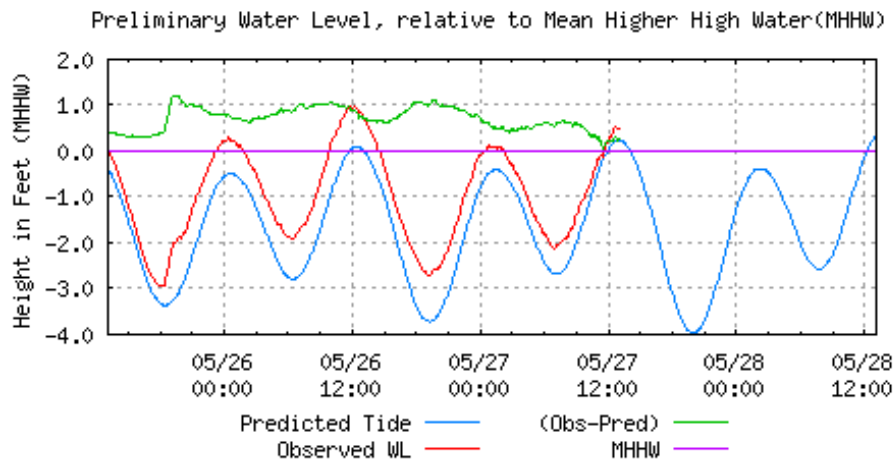
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 13:00 (EDT)

Barometric Pressure: 1005.4 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



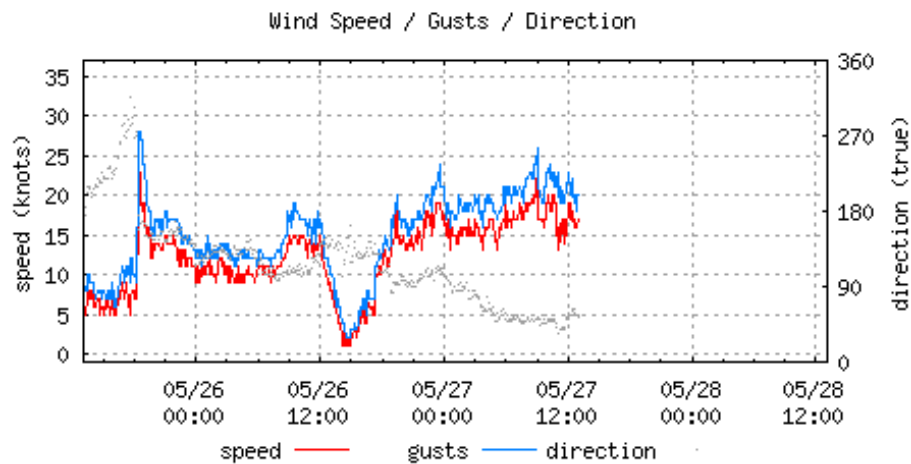
Last Observed Sample: 05/27/2018 13:06 (EDT). Data relative to MHHW

Observed: 0.51 ft. Predicted: 0.24 ft. Residual: 0.27 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/28/2018 02:12 (EDT), -0.38 ft.

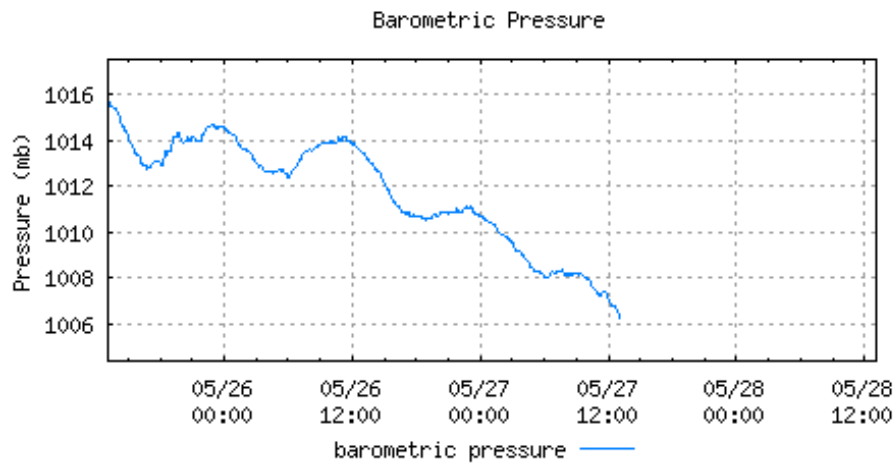
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 13:06 (EDT)

Wind Speed: 17 knots Gusts: 20 knots Direction: 54° T

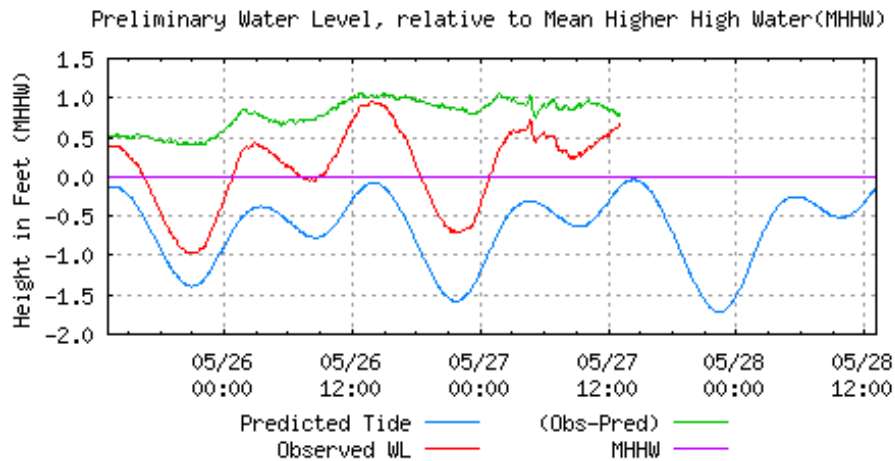
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 13:06 (EDT)

Barometric Pressure: 1006.3 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



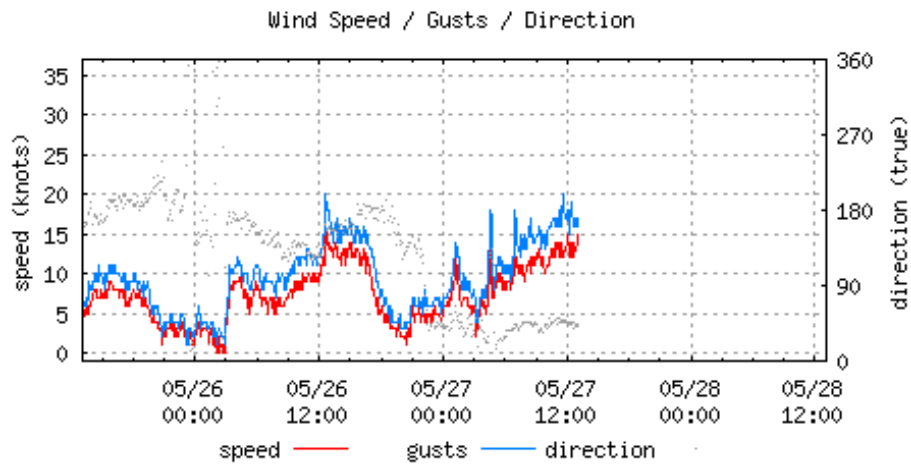
Last Observed Sample: 05/27/2018 13:06 (EDT). Data relative to MHHW

Observed: 0.67 ft. Predicted: -0.12 ft. Residual: 0.79 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 05/27/2018 14:22 (EDT), -0.04 ft.

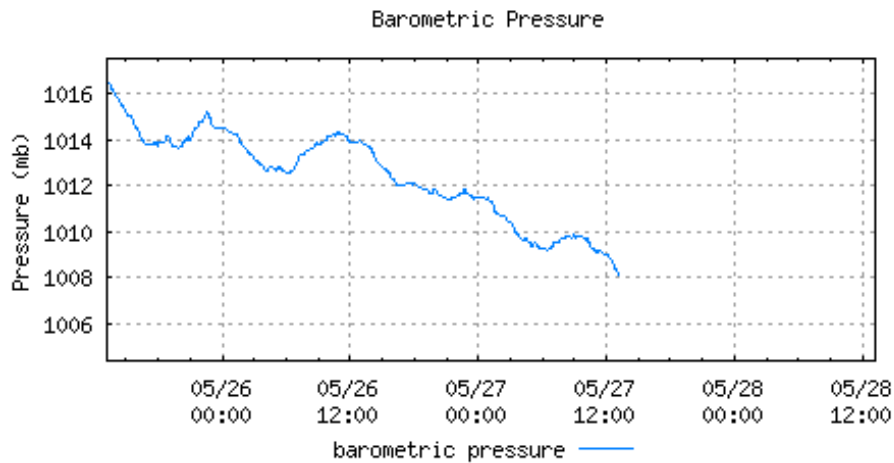
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 13:06 (EDT)

Wind Speed: 15 knots Gusts: 17 knots Direction: 42° T

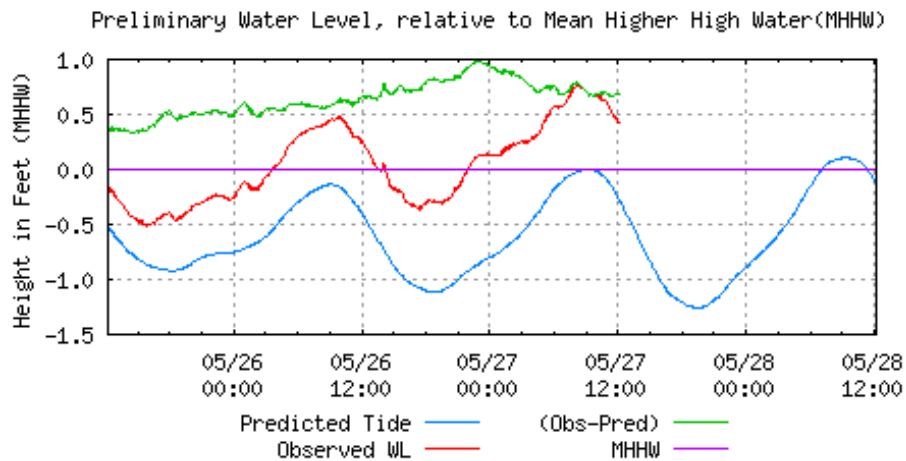
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 13:06 (EDT)

Barometric Pressure: 1008.1 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



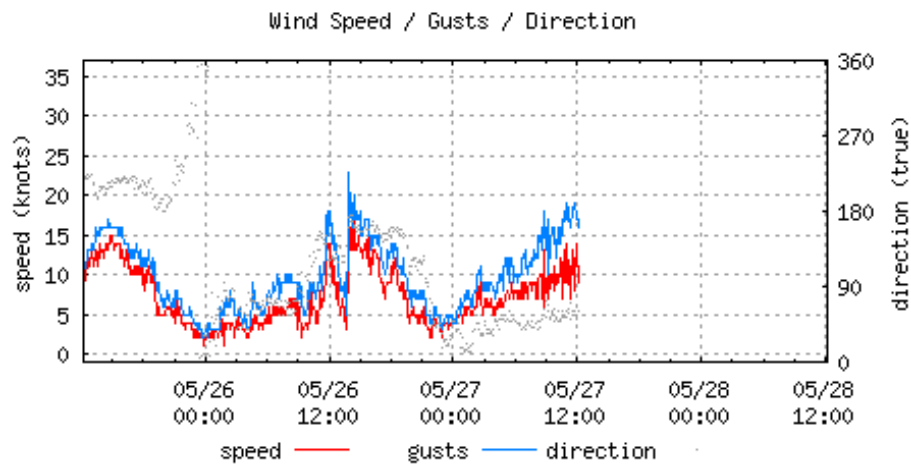
Last Observed Sample: 05/27/2018 12:06 (CDT). Data relative to MHHW

Observed: 0.42 ft. Predicted: -0.27 ft. Residual: 0.69 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/28/2018 09:21 (CDT), 0.11 ft.

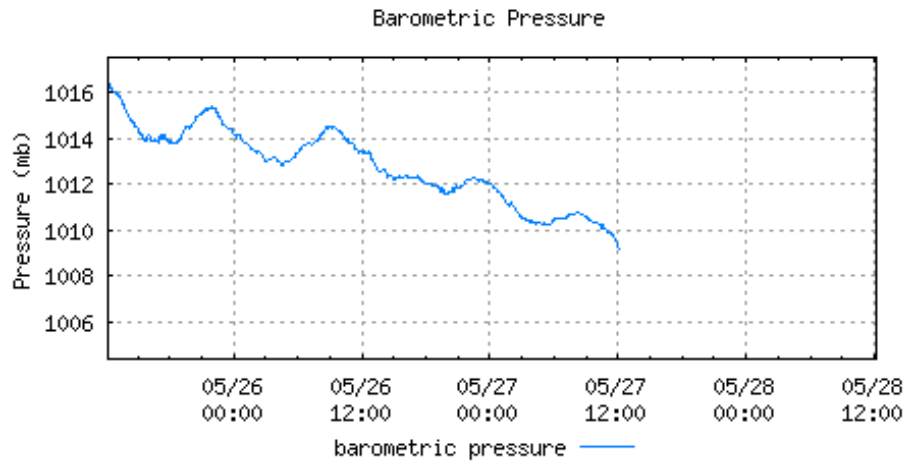
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/27/2018 12:06 (CDT)

Wind Speed: 9 knots Gusts: 16 knots Direction: 61° T

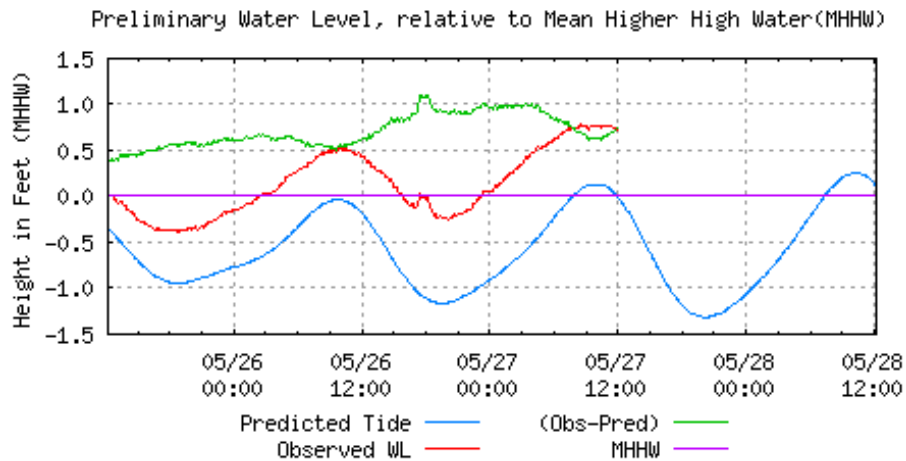
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/27/2018 12:06 (CDT)

Barometric Pressure: 1009.2 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



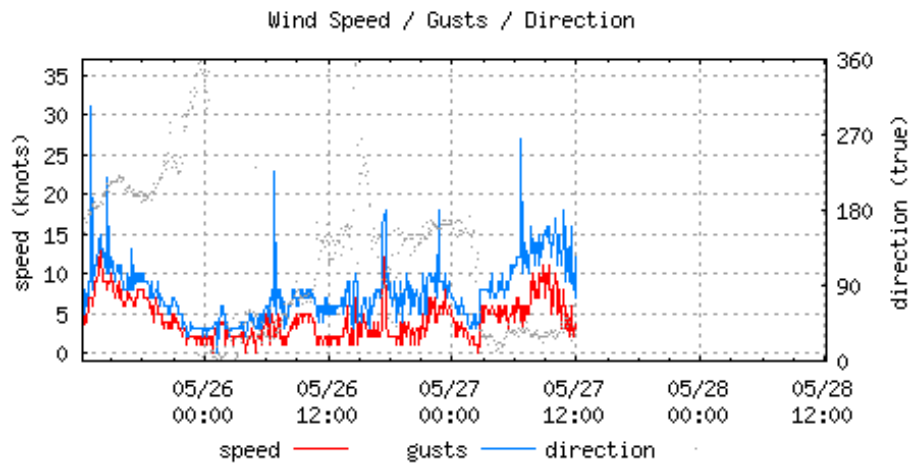
Last Observed Sample: 05/27/2018 12:00 (CDT). Data relative to MHHW

Observed: 0.73 ft. Predicted: -0.01 ft. Residual: 0.74 ft.

Historical Maximum Water Level: Sep 20 1926, 7.41 ft.

Next High Tide: 05/28/2018 10:17 (CDT), 0.26 ft.

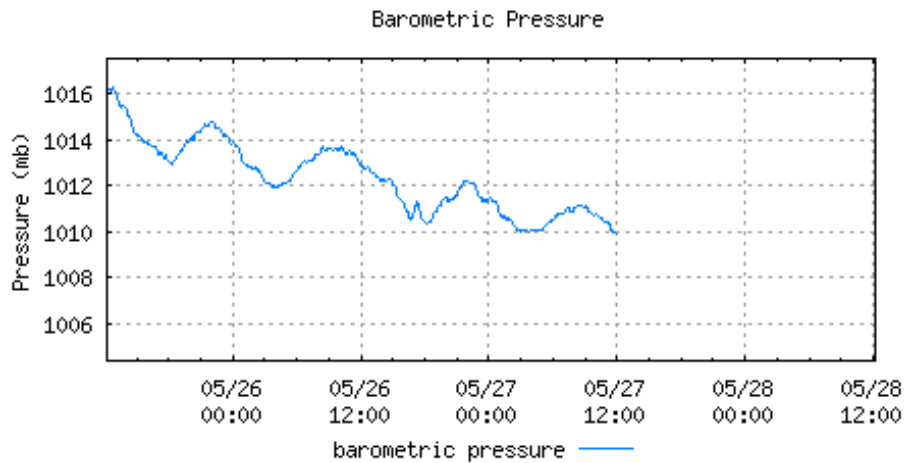
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/27/2018 12:00 (CDT)

Wind Speed: 3 knots Gusts: 7 knots Direction: 47° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

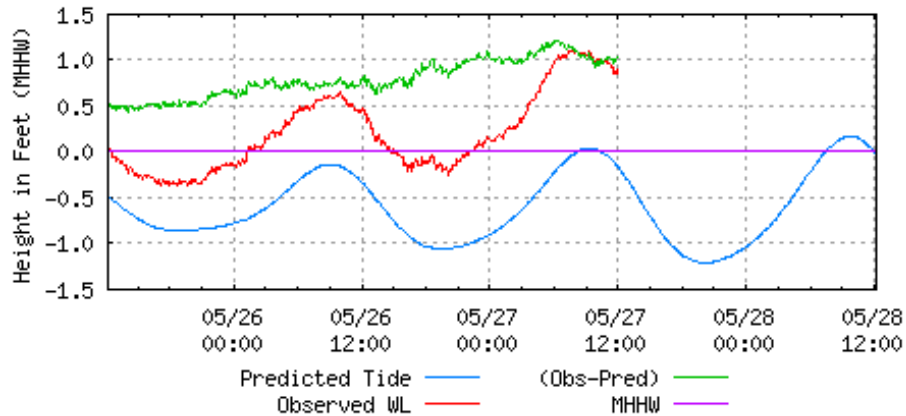


Last Observed Sample: 05/27/2018 12:00 (CDT)

Barometric Pressure: 1009.9 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 12:00 (CDT). Data relative to MHHW

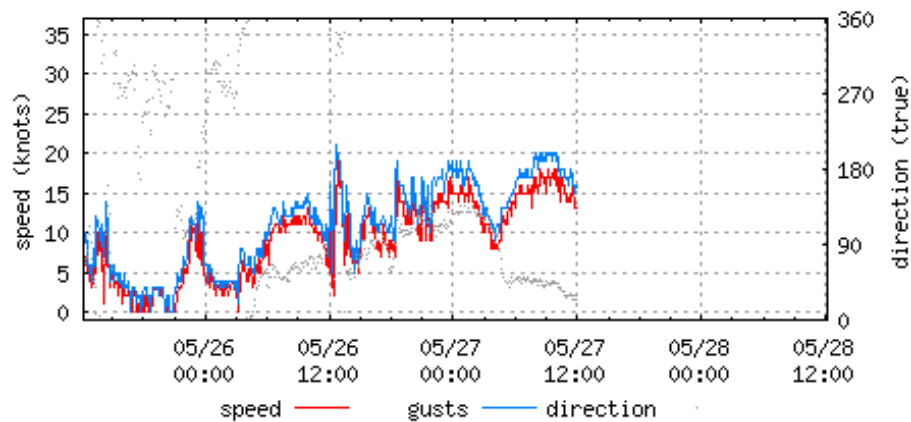
Observed: 0.87 ft. Predicted: -0.16 ft. Residual: 1.03 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/28/2018 09:47 (CDT), 0.16 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

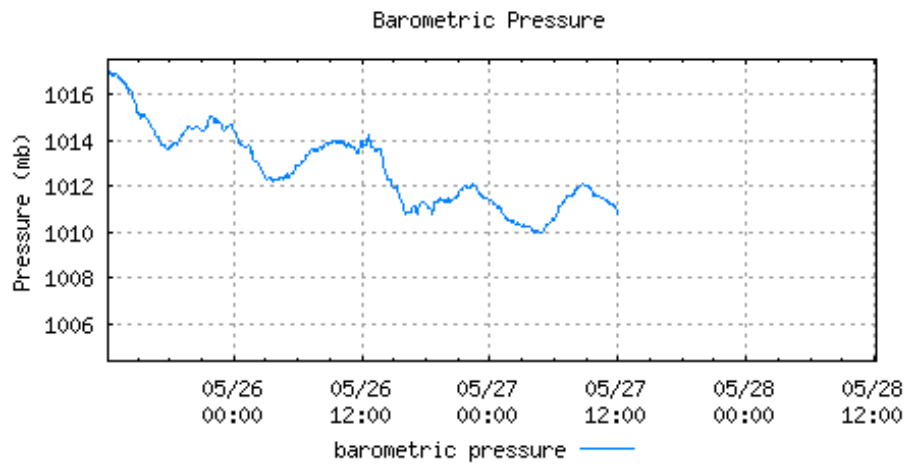
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 12:00 (CDT)

Wind Speed: 13 knots Gusts: 16 knots Direction: 25° T

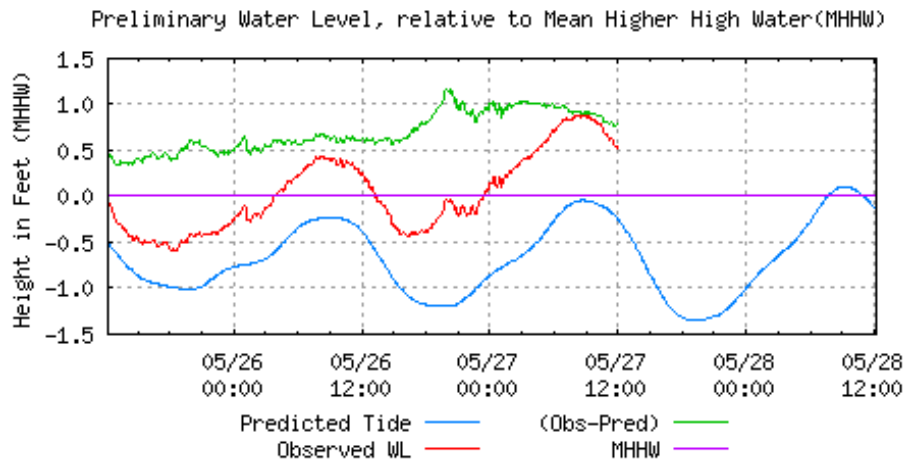
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/27/2018 12:00 (CDT)

Barometric Pressure: 1010.8 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS



Last Observed Sample: 05/27/2018 12:00 (CDT). Data relative to MHHW

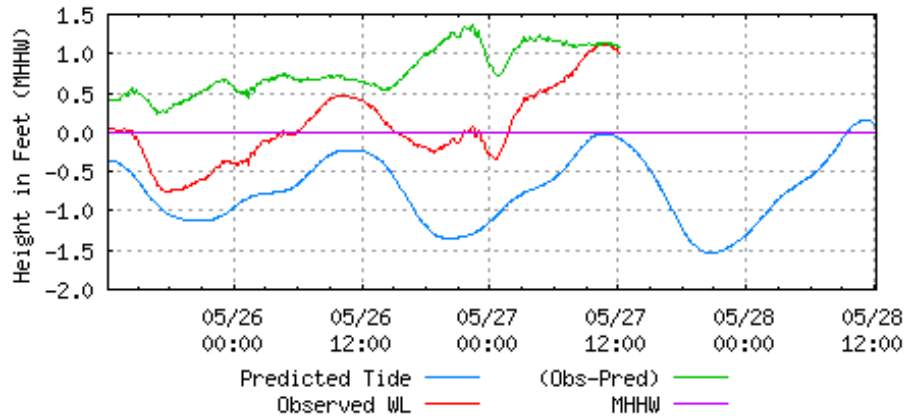
Observed: 0.53 ft. Predicted: -0.25 ft. Residual: 0.78 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 05/28/2018 09:13 (CDT), 0.11 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 12:06 (CDT). Data relative to MHHW

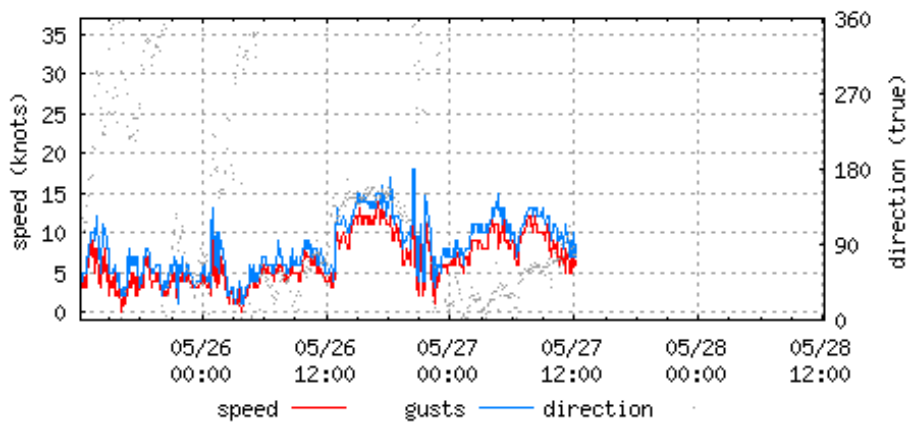
Observed: 1.01 ft. Predicted: -0.08 ft. Residual: 1.09 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/28/2018 11:10 (CDT), 0.15 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

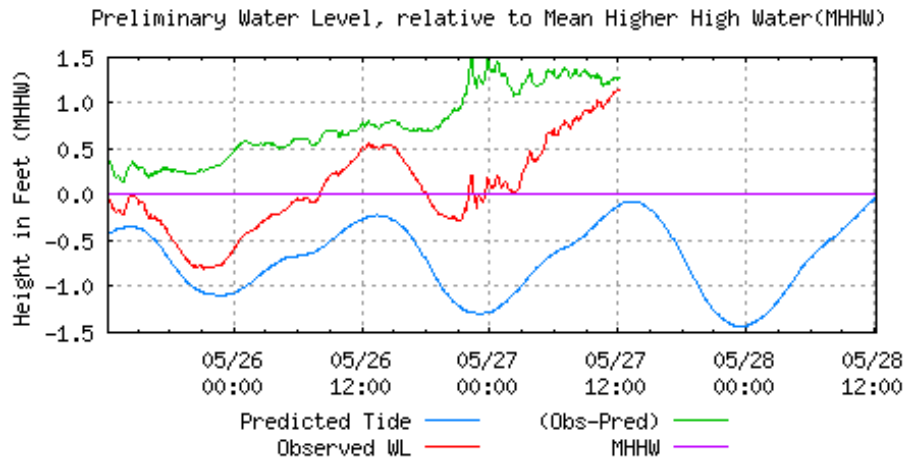
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 12:06 (CDT)

Wind Speed: 6 knots Gusts: 7 knots Direction: 77° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



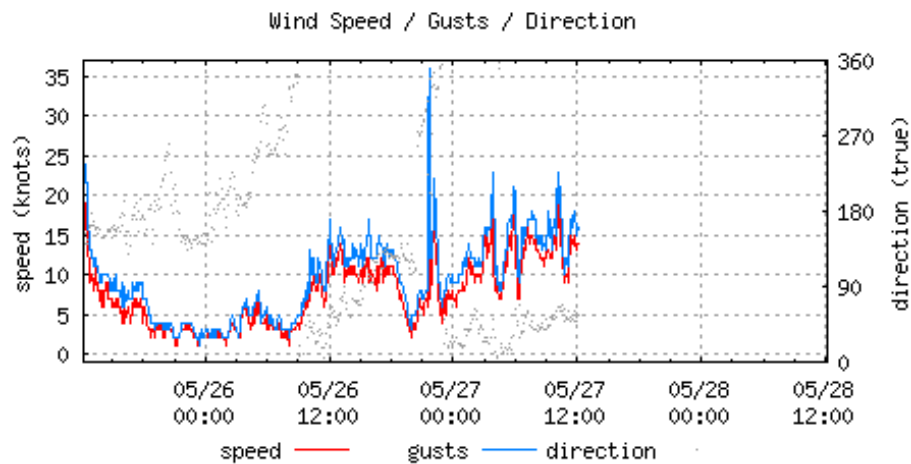
Last Observed Sample: 05/27/2018 12:06 (CDT). Data relative to MHHW

Observed: 1.15 ft. Predicted: -0.12 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 05/27/2018 13:20 (CDT), -0.07 ft.

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

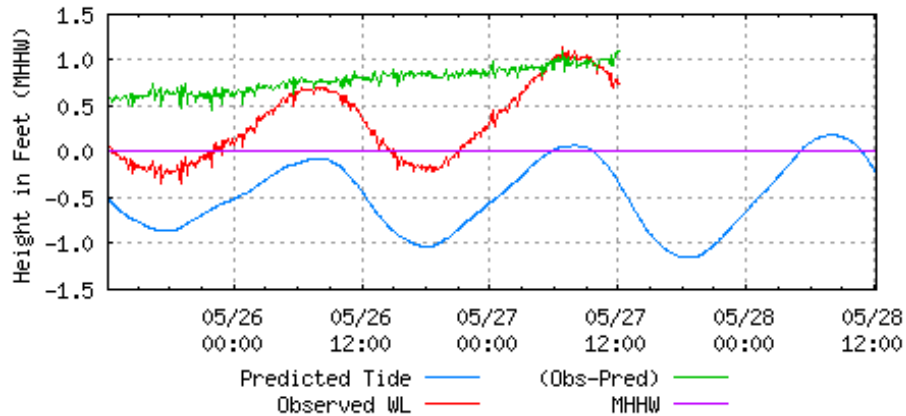


Last Observed Sample: 05/27/2018 12:06 (CDT)

Wind Speed: 14 knots Gusts: 16 knots Direction: 55° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 12:06 (CDT). Data relative to MHHW

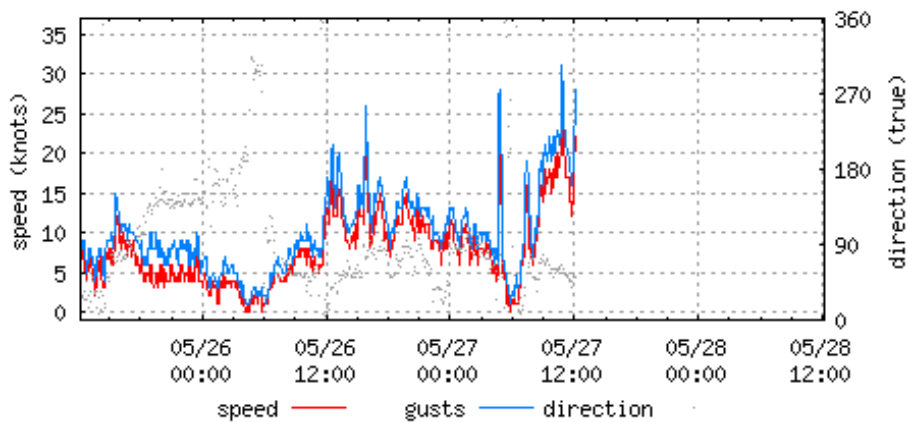
Observed: 0.75 ft. Predicted: -0.34 ft. Residual: 1.09 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/28/2018 08:04 (CDT), 0.19 ft.

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

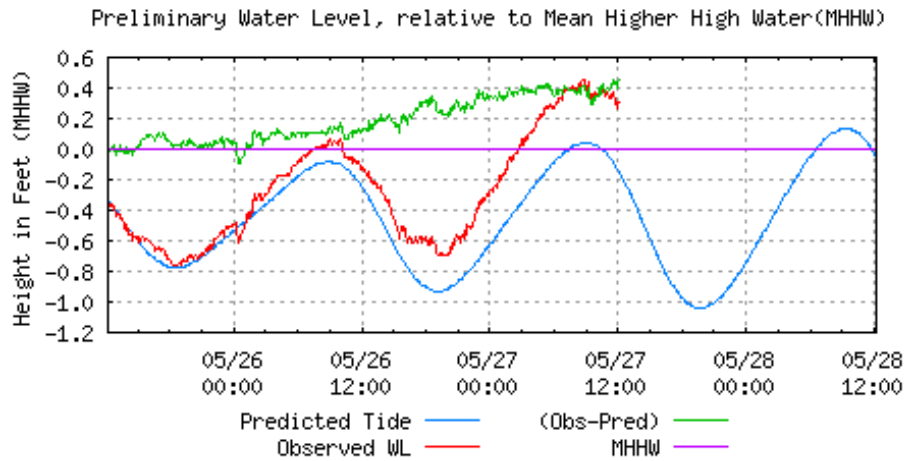
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 12:06 (CDT)

Wind Speed: 22 knots Gusts: 28 knots Direction: 50° T

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



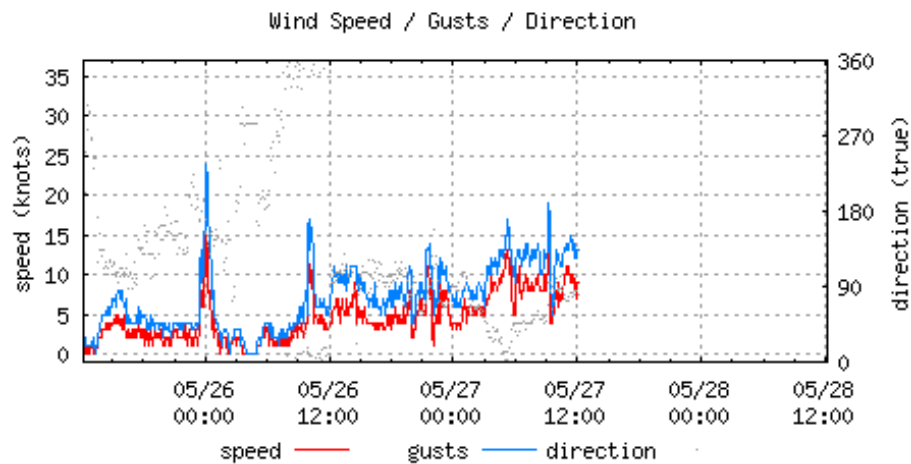
Last Observed Sample: 05/27/2018 12:06 (CDT). Data relative to MHHW

Observed: 0.30 ft. Predicted: -0.15 ft. Residual: 0.45 ft.

Historical Maximum Water Level: Sep 9 1965, 5.37 ft.

Next High Tide: 05/28/2018 09:20 (CDT), 0.13 ft.

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 05/27/2018 12:06 (CDT)

Wind Speed: 9 knots Gusts: 13 knots Direction: 81° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8724580	Key West, FL	05/27/2018 13:06 (EDT)	-0.79 ft	-1.33 ft	0.54 ft	0.59 ft
8723970	Vaca Key, Florida Bay, FL	05/27/2018 13:06 (EDT)	0.37 ft	-0.16 ft	0.53 ft	0.38 ft
8725110	Naples, Gulf of Mexico, FL	05/27/2018 13:06 (EDT)	1.30 ft	-0.32 ft	1.62 ft	1.81 ft
8726520	St. Petersburg, Tampa Bay, FL	05/27/2018 13:00 (EDT)	1.01 ft	0.11 ft	0.90 ft	1.01 ft
8726724	Clearwater Beach, FL	05/27/2018 13:00 (EDT)	0.74 ft	-0.53 ft	1.27 ft	0.97 ft
8727520	Cedar Key, FL	05/27/2018 13:06 (EDT)	0.51 ft	0.24 ft	0.27 ft	0.70 ft
8728690	Apalachicola, FL	05/27/2018 13:06 (EDT)	0.67 ft	-0.12 ft	0.79 ft	0.95 ft
8729108	Panama City, FL	05/27/2018 12:06 (CDT)	0.42 ft	-0.27 ft	0.69 ft	0.77 ft
8729840	Pensacola, FL	05/27/2018 12:00 (CDT)	0.73 ft	-0.01 ft	0.74 ft	0.78 ft
8735180	Dauphin Island, AL	05/27/2018 12:00 (CDT)	0.87 ft	-0.16 ft	1.03 ft	1.12 ft
8741533	Pascagoula NOAA Lab, MS	05/27/2018 12:00 (CDT)	0.53 ft	-0.25 ft	0.78 ft	0.88 ft
8747437	Bay Waveland Yacht Club, MS	05/27/2018 12:06 (CDT)	1.01 ft	-0.08 ft	1.09 ft	1.11 ft
8761305	Shell Beach, LA	05/27/2018 12:06 (CDT)	1.15 ft	-0.12 ft	1.27 ft	1.15 ft
8760922	Pilots Station East, S.W. Pass, LA	05/27/2018 12:06 (CDT)	0.75 ft	-0.34 ft	1.09 ft	1.15 ft
8761724	Grand Isle, LA	05/27/2018 12:06 (CDT)	0.30 ft	-0.15 ft	0.45 ft	0.45 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce